

Morcego 3D network browser is a java applet which was the best way to do this in 2004. [Feature was removed](#). Now, it's time to replace with an HTML5 solution.


## Wiki 3D Browser

Wiki3d is a way to view and browse the wiki structure in 3D.

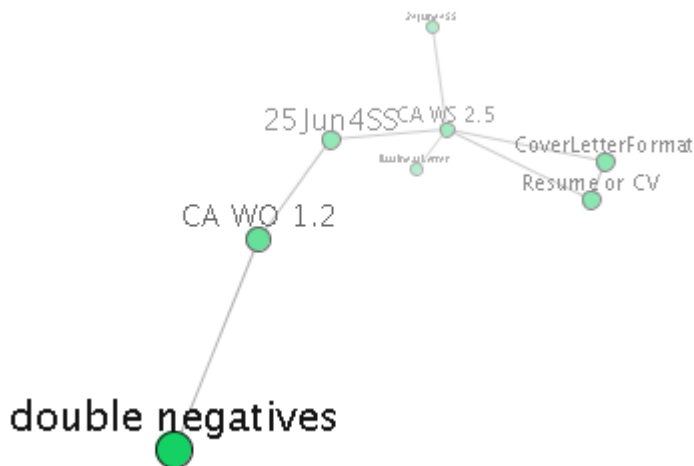
### Requires:

- Java installed on local computer
- Enabling those options:
  - "XMLRPC API" in Admin > Features > Programmer.
  - "Morcego 3D Browser" in Admin > Features > Experimentals.
  - "Enable wiki 3D browser:" in Admin > Wiki > Wiki 3D Browser Configuration.

## Using the 3D browser

Click on the little bat like icon : 

Then you'll get an image, if you have Java installed, like this:



### Now you can:

- Drag mouse on an empty space to rotate the graph
- Rotate fast and release, like throwing, to make it keep spinning
- Drag nodes to move them, the graph will balance itself again when you release
- Click nodes to navigate to them
- Click center node to open the node URL in your browser window

## Administer the 3d Browser

You can change the settings at: Admin > Wiki > 3d

## Wiki 3D Browser Configuration

Enable wiki 3D browser:	<input checked="" type="checkbox"/>
Browser width:	<input type="text" value="500"/>
Browser height:	<input type="text" value="500"/>
Navigation depth:	<input type="text" value="1"/>
Feed animation interval (milliseconds):	<input type="text" value="500"/>
Existing page node color:	<input type="text" value="#00CC55"/>
Missing page node color:	<input type="text" value="#FF5555"/>
Load page on navigation:	<input type="checkbox"/>
Camera distance:	<input type="text" value="200"/>
Camera distance adjusted relative to nearest node:	<input type="checkbox"/>
Field of view:	<input type="text" value="250"/>
Node size:	<input type="text" value="30"/>
Text size:	<input type="text" value="40"/>
Friction constant:	<input type="text" value="0.4f"/>
Elastic constant:	<input type="text" value="0.5f"/>
Eletrostatic constant:	<input type="text" value="1000f"/>
Spring (connection) size:	<input type="text" value="100"/>
Node mass:	<input type="text" value="5"/>
Node charge:	<input type="text" value="1"/>

Also ensure the option "XMLRPC API" is enabled in Admin >Features.  
This feature is only enabled when some themes are chosen, like:

- moreneat.css
- TODO: list up the themes

## RFEs

- support for hotwords
- support for indication of external links
- client control of number of levels/depth of visualization
- support for UTF-8 encoded page name

Existing pages and not yet created ones can be displayed in different colors, usually in green and red respectively.